

Please include this Comment regarding application(s) to the Federal Communications Commission (FCC) to expand and even accelerate deployment of small cell infrastructure in WC Docket No(s). 16-421.

Since 1986 when I moved to Henderson, Nevada and in 2009 when I moved to Boulder City, Nevada I have used CenturyLink's wired telephone service. My telephone number for 30 years has been the same – 702-435-7947.

Because I am hard-of-hearing I use a land-line telephone with an amplified speakerphone plus my two hearing aids in order to be able to clearly hear voices. I am not able to hear very well with wireless 'mobile' telephones. So I am very dependent on my landline telephone to talk with people.

So therefore I desperately want the FCC to not allow telephone carriers to discontinue wired landline service. The FCC should not reverse mandates on telephone carriers that have been in place to protect consumers for years.

We need landlines for emergency preparedness, since mobile phones and VOIPs do not work during power outages (unless you've got industrial strength battery backup).

We need landlines because the second anyone goes wireless, they risk interception. Hacking already endangers individuals, schools, banks, the health insurance industry, other businesses and governments. The cost of maintaining software to guard against hacking rises exponentially at a time when budgets are being slashed.

The FCC's proposed action to expand and accelerate deployment of small cell infrastructure seems likely to result of removal of landline telephone service. 5G deployment is a direct assault on the national security of the United States. Removal of wired telephone service removes any type of backup communication in case of an electromagnetic pulse attack which is sure to come! This is a very bad idea! God help us!

Americans would also lose personal SECURITY; a real threat to us all! Are the FCC and financially strong but morally weak mobile telecommunications companies crazy or what? It's a good way to get more control for those who 'own' both ends and rule the 'middle' too! ...it's just more control by Big Government!

We need landlines because the National Inst. of Health's National Toxicology Program study, released on May 25, 2016, definitively shows that 2G cell phone radiation causes malignant brain and heart tumors and damages DNA. Pregnant women, children, people with medical implants and the infirm deserve the choice of using a corded landline telephone. The FCC and state legislators have fiduciary responsibilities to protect this choice. <http://www.saferemr.com/2016/05/national-toxicology-program-finds-cell.html>

Wired telephone service is the safe alternative to wireless telephone service. The summer and fall of 2016 I wrote five books describing the hazards of electromagnetic radiation from wireless devices such as cell phones, cell towers, smart meters, Wi-Fi, and wireless computers, keyboards, mice, laptops, routers, and printers. The five books, attached to this filing, total 1000 pages and are linked at commutefaster.com/vesperman.html.

My two websites commutefaster.com/vesperman.html and padrak.com/vesperman also link to 40 additional authoritative reports on dangerously unhealthy radio frequency electromagnetic fields. I am attaching many of these 40 reports to this filing.

People living near cell towers and Wi-Fi transmitters may be exposed to dangerously strong high-frequency electromagnetic radiation which is added to the radiation from their cell phones and wireless computers: At certain frequencies, wireless signals – far weaker than the FCC's current safety standards – pull structurally important calcium ions off of our body's cell membranes, weakening and causing them to leak.

Having its meticulously balanced systems destabilized, even slightly, by wireless triggered leakage wrecks biological chaos – subverting the integrity of the body’s intricate defense mechanisms and leaving it vulnerable to all manner of damage. Many symptoms of high sensitivity to powerful radio waves can thus be explained: Leaking skin cells cause rashes, tingling, numbness, burning sensations; leaking heart cells trigger potentially life-threatening heart complications; in the inner ear, leaking cochlear cells trigger tinnitus and leaking vestibular cells cause dizziness and other symptoms of motion sickness, including nausea.

Electrohypersensitivity is similar to severe allergies to foods such as nuts.

The long list of biological malfunctions includes DNA damage, genetic changes, breakdown in intra-cell communication, protein damage, immunological function changes, reproductive system damage, decreased sperm counts, cell damage and death, brain-blood barrier leakage, brain nerve cell damage, free radical increases, melatonin decreases, possible linkage to auto-immune diseases like MS, embryonic cell damage, fetal defects, heritable birth defects, high blood pressure, diabetes, depression, insomnia, memory problems, autisms, infertility, hormonal imbalances, brain disorders, protein and peptide damage, kidney damage, brain tumors, breast cancer, Alzheimer’s disease, muscle and head aches, chronic fatigue syndrome, weakened bones, and literally hundreds of potential illnesses related to leakage in cell membranes throughout the body.

Sweden already has 270,000 people who are on disability for related impairments. Millions of people in Germany complain of all kinds of nervous disorders and of a new common illness, called ‘burnout syndrome’.

The International Forum on Protection from Electromagnetic Environmental Pollution subtitled “Right to Information for Citizens” learned December 5, 2016 in the 16th Century Krakow Hall of Sessions, Krakow, Poland, that responsible government, professional scientific advice and citizen participation can address the runaway explosion of electromagnetic radiation that is causing disease and death to as many as 200 million worldwide.

We are all already being injured by wireless radiation below the minimum level of detectable symptoms. About 1% of Americans may already be suffering from electrohypersensitivity. The Russians were the first to call the condition ‘microwave sickness’ – reversible in the early stages, lethal over time.

Two of the more comprehensive arguments for banning Wi-Fi, cell phones, and other wireless radiation devices are linked at <http://wi-cancer.info/home.aspx> and <https://www.emfanalysis.com/new-paradigm-emf-science/>.

Wireless radiation (electrosmog) from cell towers, Wi-Fi, smart meters, smart phones, wireless laptops, etc is slowly but surely causing a global medical and biological catastrophe. The bio-scientist Ulrich Warnke is more familiar with nature’s electromagnetic housekeeping than most. In this paper, he shows how wise and sensitive nature was about using electrical and magnetic fields in the creation of life [...]. Warnke’s 47 pages long brochure is linked at http://competence-initiative.net/KIT/wp-content/uploads/2014/09/ki_beesbirdsandmankind_screen.pdf.

Widespread decimation of beehives, ‘bee colony collapse’, due to electromagnetic pollution ‘electrosmog’, is a massive threat to all fruits and vegetables dependent on bee pollination.

Wireless radiation is also weakening reinforced concrete in buildings and other structures. All cement structures that have re-bar are subject to various electrical assaults from various sources such as high-powered transmission lines and cell phone transmitters and consequently will suffer from accelerated corrosion.

Simple theory is: Radio frequency radiation or magnetic fields will penetrate cement to some small degree and thus induce currents to flow and then the currents cause corrosion. Thus concrete structures within range of cell towers will crumble and fail much more quickly.

Canada's Hydro British Columbia power company is replacing 10,000 failing concrete poles with wooden poles. A Quebec organic pig farmer's barn structure is being adversely affected. Calgary's Bow River railroad bridge has corroded more quickly. Lille, France, has had a disastrous water tower structural failure. An overpass in Quebec has fallen down. High-frequency electromagnetic fields also affect the surfaces of Canada's Parliament.

Many large water towers are covered with many cell antennas. Radio frequency waves have been used to 'condition' water by preventing calcium build-up in pipes. Boiling the water should destroy the RF conditioning effect on the water. (If the water tank was grounded then the effect would not be too bad.)

There could be a problem with lead plumbing though, because RF conditioned water will remove the lime scale from the pipes putting the water in direct contact with the lead. The water is then free to dissolve the lead to put anyone drinking it at risk of getting lead poisoning.

Some time ago I had written to the Clark County School District (CCSD) suggesting that their students should not be exposed to toxic electromagnetic radiation from Wi-Fi, wireless laptops, smart phones, etc. The CCSD includes the Las Vegas metropolitan area and is the 5th largest school district in the nation with over 320,000 students in 357 schools and over 40,000 employees.

November 10, 2016 I received a letter from the CCSD's Instruction Unit via certified mail. They simply claim that their wireless equipment complies with "... current federal guidelines as aligned to the Federal Communications Commission requirements."

I happen to know that FCC wireless radiation equipment safety standards for specified wireless devices are based on placing devices next to a bucket of 'imitation brain juice' (salt water). If the wireless device does not heat up the imitation brain juice, the FCC in its infinite regulatory wisdom rules that the device is safe! Never mind the thousands of medical studies that have been conducted all over the world suggesting that the electromagnetic radiation from wireless devices is toxic to humans and also plants and animals.

Never mind my five books, totaling 1000 pages, on wireless hazards and my compilation of 40 wireless radiation hazards reports linked at my two aforementioned websites. Never mind the photographs shown below of cell phones adversely affecting blood cells and calves deformed by cell tower radiation.

The financially strong but morally weak mobile telecommunications companies and their allies in the US Government, particularly the Federal Communications Commission (a classic case of the metaphorical fox guarding the chicken house), are desperately trying to keep the lid on the hazards of wireless radiation in order to protect their enormous profits.

Already, Nokia is a defendant in 19 separate lawsuits filed in Washington, D.C., alleging that radio emissions from cell phones caused their brain tumors. The lawsuits allege an industry-wide conspiracy to manipulate the science and testing around emissions guidelines – and the world will be watching as this drama unfolds.

Here's a video of attorney Jimmy Gonzalez addressing his city council regarding the glioma brain cancer, heart cancer, and cancer in the nerves in his hand that he believes he developed as a result of his cell phone use. He developed brain cancer at the spot where he held the phone to his head, he developed heart cancer at the spot where he stored his phone (chest pocket in his jacket), and cancer in his hand where he held his phone. He died at age 42. 9-minute video <https://www.youtube.com/watch?v=DII0VJd0lA8>

The rats in the \$25 million NTP government study developed glioma brain cancer and Schwannoma heart cancer too. <http://biorxiv.org/content/early/2016/05/26/055699.full.pdf+html>

Genes are also susceptible to wireless telecommunications device radiation. The German report “How Susceptible Are Genes to Mobile Phone Radiation? State of the Research – Endorsements of Safety and Controversies – Self-Help Recommendations” thoroughly examines the genetic implications of mobile phone radiation. “Franz Adlkofer considers the endorsement of safety by the German Mobile Telecommunication Research Programme the result of wishful thinking, which ignores the scientific facts.” This 64 pages long brochure is linked at http://competence-initiative.net/KIT/wp-content/uploads/2014/09/ki_howsusceptiblearegenes_screen.pdf

It is readily apparent that the endorsement of safety by the US Federal Communications Commission is also the result of wishful thinking, which also ignored the scientific facts.

My book “Possible Hazards of Cell Phones and Towers, Wi-Fi, Smart Meters, and Wireless Computers, Printers, Laptops, Mice, Keyboards, and Routers Book Four” (linked at commutefaster.com/vesperman.html) includes over a dozen appalling reports of suppression of research and reports of harmful medical and biological effects from wireless radiation.

The insurance companies refuse to insure against the ultra-high risks associated with wireless telecommunications devices. Insurance companies are already modeling the cost of a brain cancer epidemic 2020-2030! It seems reasonable to expect that lawsuit settlements will become so expensive that wireless telecommunications device manufacturers will eventually cut their losses and give up making and selling wireless telecommunications devices.

All parents of CCSD students should be deeply disappointed that the people at the CCSD's Instruction Unit have chosen to cowardly stand behind buckets of imitation brain juice, via certified mail (!), instead of intelligently discussing point by point some of the many arguments against exposing their students (and employees) to dangerously toxic wireless radiation.

The bottom line is that all of us should minimize exposure to wireless radiation as much as possible. Children should especially not play with smart phones and be exposed to Wi-Fi and wireless computers in their schools. Some ‘EMF refugees’ dub Christmas gifts of smart phones to children as ‘gifts of cancer’.

A small but increasing percentage of the population already have EHS (electromagnetic hypersensitivity). No one is born with EHS. Everyone with EHS tells the same story – they spent a lot of time around wireless radiation with no problems for a period of time. Then one day, something happens suddenly and then EHS is triggered.

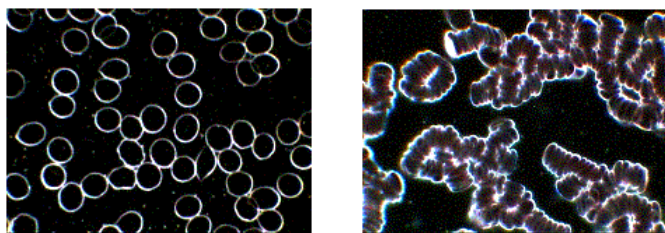
Common EHS symptoms are headaches, tinnitus, sleeping problems, concentration and memory problems, nosebleeds, extreme thirst, pain in the hands/ears hot when using cell phone, bad allergies, skin rashes, digestive problems including heartburn and stomach pains, neurological problems including anxiety and panic attacks, heart palpitations, strong fatigue, and appetite loss.

Myriad symptoms of radiation poisoning can be induced at exposure levels hundreds, even thousands of times lower than current standards permit. Russia’s public exposure standards are 100 times more stringent than United States standards because Russian scientists have consistently shown that, at U.S. exposure levels, humans develop pathological changes in heart, kidney, liver and brain tissues, plus cancers of all types.

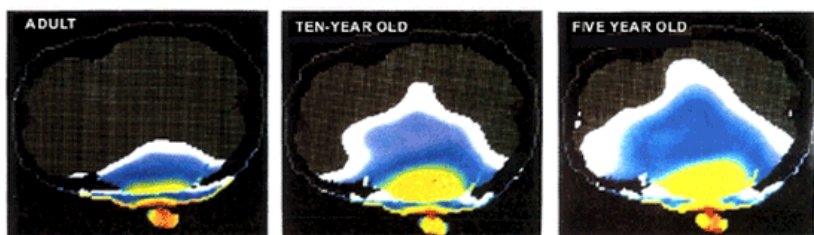
Page 12 of “Possible Hazards of Cell Phones and Towers, Wi-Fi, Smart Meters, and Wireless Computers, Printers, Laptops, Mice, Keyboards, and Routers Book Two”, linked at padrak.com/vesperman and commutefaster.com/vesperman.html, displays these images:

Images of Red Blood Cells, etc Affected by Electromagnetic Wireless Radiation

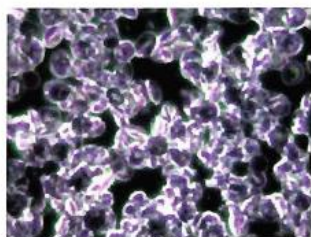
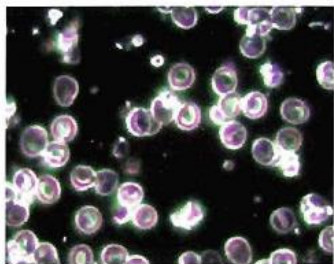
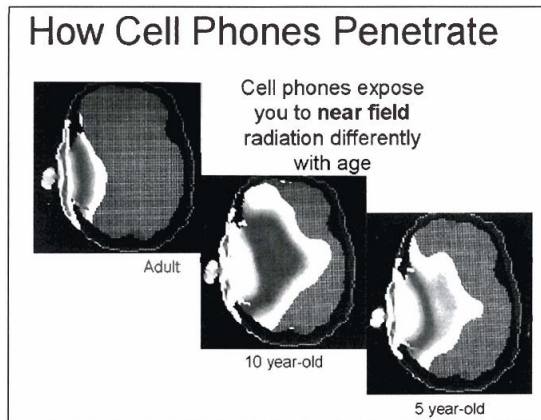
See pages 16, 17, 24, 25, 27, 28, 30, 32, 76, 77, 78 and 162. Examples:



Red Blood Cells Before and After a 90-Second Cell Phone Call



The amount of radiation penetration of a skull for an adult, a 10-year-old child, and a five-year-old child.



Disrupted red blood cell intercellular communication occurs within minutes of exposure to information carrying radio waves. Red blood cells must be able to sense the location of other blood cells to avoid clumping. Slide at left: prior to cell phone exposure – red cells are functional. Slide at right: after five minutes on a cell phone – red cells are clumped and non-functional.

Deformed cows near cell phone towers in Germany are just one example among many animal deformities appearing around the world. Research has also connected the worldwide disappearance of frogs, birds, and insects [most recently bees] with the dramatic increase of electrosmog permeating our planet.



I have attached some documents describing wireless radiation hazards that should be included in the public commentary record for WC Docket No(s). 16-421.

The FCC should not allow wireless telephone service providers to deploy small cell infrastructure.

Are businesses expected to lose their wired telephone services as well as residences? Seems unfairly discriminatory in favor of businesses and against residences.

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